

Industrial WiFi/UART Device Server

Serial to Ethernet & WiFi



Specifications

Class	Item	Parameters	
Ethernet Port	Port Number	1	
	Interface	8-Pin RJ45	
	PHY Rate	10 / 100Mbps, MDI / MDIX	
	Network Protocol	IP / TCP / UDP / DHCP / DNS / HTTP / ARP / ICMP / Web socket / Http Client	
Wi-Fi Port	Standard	802.11 b/g/n	
	Network Mode	STA/AP/STA+AP	
	Max Connection	32	
	Transmit Power	802.11b: +20 dBm (Max.)	
		802.11g: +18 dBm (Max.)	
		802.11n: +15 dBm (Max.)	
	Receiver Sensitivity	802.11b: -89 dBm (@11Mbps, CCK)	
802.11 g: -81 dBm (@54Mbps, OFDM)			
802.11n: -71dBm (@HT20, MCS7)			
Antenna Option	External: 3dBi Antenna		
UART Port	Port Number	2 (1 x RS232, 1 x RS485)	
	Interface Standard	RS232: DB9 Pin Type RS485: 2 wire (A+, B-)	
	Data Bits	5,6,7,8	
	Stop Bit	1,2	
	Check Bit	None, Even, Odd, Space, Mark	
	Baud Rate	300 bps - 460800bps	
	Flow Control	RTS / CTS	
Hardware Parameters	Input Voltage	5-18V DC Input	
	Operating Current	Avg:170mA Peak:400mA	
	Operating Temp.	-40°C-85°C	
	Storage Temp.	-45°C- 125°C / 5 - 95% RH	
	Dimensions	84 x 84 x 25mm	
	Certificate	CE/FCC/TELEC/RoHS	
	Warranty	2 Years	
Software Parameters	Network Type	STA / AP / STA+AP	
	Security Type	WEP / WPA2PSK / WPA2PSK	
	Encryption	WEP64 / WEP128 / TKIP / AES	
	Network Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP	
	Max. TCP Connection	32	
	Configure Interface	Web Server / AT Command	
Customization	Support Software Customization		

BAYKON model DTU-H100 WiFi Device Server is a RS232/RS485 or Ethernet to WiFi converter and it's the best choice for transmitting weighing data across an wireless IP network.

Overview of Characteristic;

- Embedded UART to Wi-Fi device, hardware flow control(RTS/CTS) RS232 interface
- Support IEEE802.11 b/g/n Wireless standards
- Support TCP/UDP/HTTP/TLS/Modbus Network Protocols
- Support RS232/RS485/Ethernet Data Interface
- RS232 RS485 automatic switching
- Support Work As STA/AP/AP+STA Mode
- Support Router/Bridge Mode Networking
- Support AT+ Instruction Set for Configuration
- Support Friendly Web Configuration Page
- Single 5~18V DC Power Supply
- 1 x RS 232, 1 x RS485 , 1 x RJ-45 and standard 802.11b/g wireless interface
- Operates as AP, Station and Gateway 54Mbps Data Rate & Max 20Mbps Effective Data Transmission
- Full-Featured Network Protocol Stack
- Built-In Web server and Wizard Program for configuration

(Properties are subject to change without notification 01-11 / 2018)